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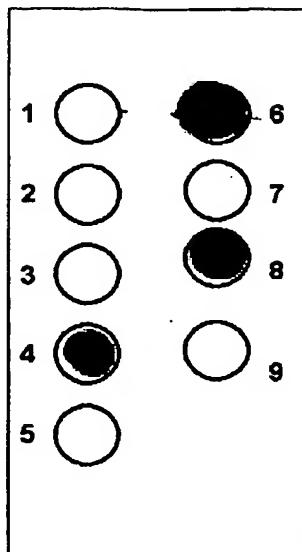
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(54) Title: POLYPEPTIDES COMPRISING THE PLECKSTRIN HOMOLOGY DOMAIN OF ECT2 AND THEIR BINDING SPECIFICITIES TO PHOSPHATIDYLINOSITOLS

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1	Phosphatidyl choline
2	Phosphatidyl ethanolamine
3	Phosphatidyl inositol
4	Phosphatidyl inositol - 3 phosphate
5	Phosphatidyl inositol - 4 phosphate
6	Phosphatidyl inositol - 5 phosphate
7	Phosphatidyl inositol - 3,4 phosphate
8	Phosphatidyl inositol - 3,5 phosphate
9	Phosphatidyl inositol - 4,5 phosphate

(57) Abstract: The present invention relates to the specific lipid binding ability of the PH domain of Ect 2. In particular, the invention relates to an isolated DH-PH tandem domain derived from the Ect 2 sequence and having the sequence as set out in DNA sequence 1 (SEQ ID NO:1) and uses thereof as well as methods of screening for agents that modulate the cell cycle activity of Ect 2 and the interaction of the Ect 2 PH domain with a PI.



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